

Date: Mon, 24 Jan 94 15:42:12 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #71
To: Info-Hams

Info-Hams Digest Mon, 24 Jan 94 Volume 94 : Issue 71

Today's Topics:

 3CX1200D7
 ARLB008 League at NJ hearing
 ARLB009 Tower victory in court
 Art & Millie of K6MYK
 CALL SIGN SERVER
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 DX Bulletin 5 ARLD005
 G8BPQ 7.04a
HOW TO FILE COMMENTS TO FCC NOTICES OF PROPOSED RULEMAKING
 RACES Bulletin #310
 WANTED: CALL SIGN SERVER IN INTERNET

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 24 Jan 94 21:12:33 GMT
From: news-mail-gateway@ucsd.edu
Subject: 3CX1200D7
To: info-hams@ucsd.edu

Is there anyone out there who has any experience with the Eimac
3CX1200D7 ? This tube is an improved design over the 3CX1200A7.
The 3CX1200A7 is not recommended by EIMAC for new designs. This is
due to a tendency to parasitics and is partially caused by the tube
filament structure and the high feedthru capacitance. Any amplifier
builders out there can comment ?

KC2WE Seth Taylor---domain:taylor@tix.timeplex.com

Date: 20 Jan 94 14:20:22 GMT
From: destroyer!nntp.cs.ubc.ca!alberta!adec23!ve6mgs!usenet@uunet.uu.net
Subject: ARLB008 League at NJ hearing
To: info-hams@ucsd.edu

SB QST @ ARL \$ARLB008
ARLB008 League at NJ hearing

ZCZC AG72
QST de W1AW
ARRL Bulletin 8 ARLB008

Date: 20 Jan 94 14:21:09 GMT
From: destroyer!nntp.cs.ubc.ca!alberta!adec23!ve6mgs!usenet@uunet.uu.net
Subject: ARLB009 Tower victory in court
To: info-hams@ucsd.edu

SB QST @ ARL \$ARLB009
ARLB009 Tower victory in court

ZCZC AG73
QST de W1AW
ARRL Bulletin 9 ARLB009

Date: 21 Jan 94 21:38:28 GMT
From: sdd.hp.com!vixen.cso.uiuc.edu!howland.reston.ans.net!noc.near.net!
news.delphi.com!BIX.com!arog@network.ucsd.edu
Subject: Art & Millie of K6MYK
To: info-hams@ucsd.edu

I just talked with Art and Millie Gentry. Art is w6mep and I've forgotten Millie's call. These are the folks that put the first Los Angeles two-meter repater on the air in the mid.fifties and are very special folks to a lot of us that hung out there...

Both are fine and only had modest damage to things... other than the kind of mess that happens when racks and such get slammed about by an earthquake.

.....

Alan Ogden, w6spk, moderator of ham.radio on BIX
arog@BIX.com

Date: 21 Jan 94 02:39:19 GMT
From: agate!howland.reston.ans.net!vixen.cso.uiuc.edu!newsrelay.iastate.edu!
cobra.uni.edu!sunfish!charlie.usd.edu!CCHRIS@uchvax.berkeley.edu
Subject: CALL SIGN SERVER
To: info-hams@ucsd.edu

The one I use is in buffalo. telnet to callsign.cs.buffalo.edu 2000. Good
luck. In article <199401191856.NAA24159@dialup.oar.net>, berwyn@dialup.oar.NET
(George Sweigert) writes:

>
>Does anyone know where the call sign database server exists ?
>
>I believe it is on DEWIE.DEL.EDU . . . does anyone know ?
>
>Thanks
>
>berwyn@oar.net
>

Date: 21 Jan 94 04:34:58 GMT
From: destroyer!nntp.cs.ubc.ca!alberta!adec23!ve6mgs!usenet@uunet.uu.net
Subject: Daily Summary of Solar Geophysical Activity for 20 January
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

20 JANUARY, 1994

//

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 20 JANUARY, 1994

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 020, 01/20/94
10.7 FLUX=105 90-AVG=103 SSN=054 BKI=3333 2221 BAI=010
BGND-XRAY=B1.8 FLU1=3.4E+06 FLU10=9.8E+03 PKI=3333 3232 PAI=012

BOU-DEV=025,032,037,020,013,019,017,008 DEV-AVG=021 NT SWF=00:000
 XRAY-MAX= C1.0 @ 0018UT XRAY-MIN= B1.7 @ 1734UT XRAY-AVG= B3.2
 NEUTN-MAX= +002% @ 1530UT NEUTN-MIN= -001% @ 1955UT NEUTN-AVG= -0.0%
 PCA-MAX= +0.1DB @ 1935UT PCA-MIN= -0.1DB @ 1530UT PCA-AVG= -0.0DB
 BOUTF-MAX=55353NT @ 0601UT BOUTF-MIN=55325NT @ 1909UT BOUTF-AVG=55341NT
 GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+072,+000,+000
 GOES6-MAX=P:+127NT@ 1715UT GOES6-MIN=N:-072NT@ 0529UT G6-AVG=+095,+030,-030
 FLUXFCST=STD:105,105,100;SESC:105,105,100 BAI/PAI-FCST=020,020,015/015,015,018
 KFCST=3333 3333 3333 3333 27DAY-AP=008,007 27DAY-KP=2123 3322 1313 2122
 WARNINGS=*SWF
 ALERTS=
 !!END-DATA!!

NOTE: The Effective Sunspot Number for 19 JAN 94 was 48.3.
 The Full Kp Indices for 19 JAN 94 are: 3+ 5- 5o 3o 4- 2o 3o 3-

SYNOPSIS OF ACTIVITY

Solar activity was at very low levels. Region 7654 (N08E18) continues to be the largest and most active Region on the disk.

Solar activity forecast: solar activity is expected to be at low levels with a slight potential for an M class flare from Region 7654 (N08E18).

STD: Magnetic shear near the northern end of the delta within Region 7654 has remained relatively unchanged over the last 24 hours. Although there is an outside chance for another major flare from this region, nothing significant is likely to be observed unless new flux emerges to perturb the current relatively stable configuration. This is further supported by the gradually declining background x-ray levels together with the relatively low frequency of small-scale flare activity and lack of spot growth.

The geomagnetic field has been at quiet to unsettled levels for the past 24 hours.

Geophysical activity forecast: the geomagnetic field is expected to be at unsettled to active levels.

STD: The field may become slightly disturbed on 22 January due to a negative polarity transequatorial coronal hole which is approximately one day beyond the central meridian. Periods of minor to major storming will be possible over the high and

polar latitudes.

Event probabilities 21 jan-23 jan

Class M	10/05/05
Class X	05/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 21 jan-23 jan

A. Middle Latitudes	
Active	40/45/15
Minor Storm	15/10/05
Major-Severe Storm	01/01/01
B. High Latitudes	
Active	40/40/10
Minor Storm	15/15/05
Major-Severe Storm	01/01/01

HF propagation conditions were near-normal over all regions. Subsiding levels of geomagnetic activity prompted improved conditions over the high and polar latitude paths. Conditions should continue near-normal with only intermittent minor signal degradation for transauroral night-sector circuits. Signals are expected to become increasingly disturbed on 22 January if the anticipated disturbance from the well placed coronal hole noted above arrives. Poor to occasionally very poor propagation could occasionally exist over the higher latitude paths during that period. Otherwise, conditions should continue near-normal.

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REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 20/2400Z JANUARY

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7652	N04E04	219	0140	CS0	03	002	BETA	
7654	N09E19	204	0530	EKI	11	032	BETA-DELTA	
7656	S22W36	259					PLAGE	

REGIONS DUE TO RETURN 21 JANUARY TO 23 JANUARY

NMBR	LAT	LO
7647	S15	096

LISTING OF SOLAR ENERGETIC EVENTS FOR 20 JANUARY, 1994

A. ENERGETIC EVENTS:

BEGIN MAX END RGN LOC XRAY OP 245MHZ 10CM SWEEP
NONE

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 20 JANUARY, 1994

BEGIN MAX END LOCATION TYPE SIZE DUR II IV
NO EVENTS OBSERVED

INFERRED CORONAL HOLES. LOCATIONS VALID AT 20/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS

	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
57	N20W14	S14W21	S00W25	N24W14	253	ISO	NEG	005	10830A
58	N20E55	S10E41	N08E34	N34E48	189	ISO	POS	014	10830A

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
19 Jan:	0306	0316	0322	C4.0	SF	7654	N05E40		47	25
	0449	0452	0454	C1.0						
	0615	0619	0623	B7.5						
	0629	0636	0641	B6.6						
	0826	0830	0833	B4.7					39	62
	1141	1146	1150	C2.8						
	1143	1144	1152		SF	7654	N09E33	16	43	28
	1335	1354	1410	C4.2	SF	7654	N05E40			
	2012	2016	2020	B4.5						

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Region 7654:	2	0	0	3	0	0	0	0	003	(33.3)
Uncorrelated:	2	0	0	0	0	0	0	0	006	(66.7)

Total Events: 009 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
19 Jan:	0615	0619	0623	B7.5				III

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: 21 Jan 94 11:26:25 GMT
 From: netcomsv!netcom.com!marcbg@decwrl.dec.com
 Subject: DX Bulletin 5 ARLD005
 To: info-hams@ucsd.edu

SB DX @ ARL \$ARLD005 ARLD005 DX news ZCZC AE03
 QST de W1AW
 DX Bulletin 5 ARLD005

Date: Sun, 23 Jan 1994 16:32:13 +0000
 From: unix.sri.com!headwall.Stanford.EDU!agate!doc.ic.ac.uk!uknet!demon!
 dis.demon.co.uk!llondel.demon.co.uk!dave@hplabs.hp.com
 Subject: G8BPQ 7.04a

To: info-hams@ucsd.edu

In article <Angelo_Glorioso_Iii.2lsz@agwbbs.new-orleans.LA.US>
Angelo_Glorioso_Iii@agwbbs.new-orleans.LA.US (Angelo Glorioso Iii) writes:
>Hi All,
>
> I dont have access to archie, so I must ask for help.. I heard that G8BPQ
>407A has been released.. Anyone know what ftp site has it???
>
>Thanks in advance..
>
>Angelo
>
By the time you read this, BPQ 4.07a (not what the subject said!) should
be available on ftp.demon.co.uk:/pub/ham

If it isn't there, try a bit later (depends on when the sys admin moves it
from the upload directory).

Dave
--

```
*****
* G4WRW @ GB7WRW.#41.GBR.EU AX25      * Start at the beginning. Go on *
* dave@llondel.demon.co.uk Internet * until the end. Then stop. *
* g4wiw@g4wiw.ampr.org Amprnet * (the king to the white rabbit) *
*****
```

Date: 21 Jan 94 11:25:17 GMT
From: netcomsv!netcom.com!marcbg@decwrl.dec.com
Subject: HOW TO FILE COMMENTS TO FCC NOTICES OF PROPOSED RULEMAKING
To: info-hams@ucsd.edu

HOW TO FILE COMMENTS TO FCC NOTICES OF PROPOSED RULEMAKING

If you plan to file comments to an FCC Notice of Proposed Rulemaking, use the caption format shown below making sure that you put the appropriate Docket number at the top.

When you file comments or reply comments with the FCC, list your credentials, be fact-specific and to the point. When you file comments to an active NPRM, the FCC wants you to send an original and four copies. If you want each FCC Commissioner to have a copy, send an original plus nine copies. Send all comments and reply comments to:

Secretary
FCC
Washington, DC 20554

Caption to be used in filing formal comments:

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554

In the matter of)
)
(Insert a brief) PR Docket 93-###
description of)
what you are)
commenting on))

Details can be found in Chapter 15 of The FCC Rule Book. ARRL HQ
and your ARRL Director would appreciate a courtesy copy
of your comments and reply comments. See page 8 of any QST for
his or her address.

John Hennessee, KJ4KB
Regulatory Information Specialist
American Radio Relay League
225 Main St
Newington CT 06111
203-666-1541
Internet: jhennesse@arrl.org

--

Marc B. Grant 214-231-3998
marcbg@netcom.com Amateur Radio N5MEI
marcbg@esy.com Richardson, TX

Date: 24 Jan 94 21:39:54 GMT
From: news-mail-gateway@ucsd.edu
Subject: RACES Bulletin #310
To: info-hams@ucsd.edu

Bid : \$RACESBUL.310

Subject : RB 310 Training 3/3

From: W6WWW@KD6XZ.#NOCAL.CA.USA.NOAM
To : RACES@ALLUS

TO: ALL ES, CD, AND PUBLIC SAFETY DIRECTORS VIA AMATEUR RADIO
INFO: ALL RACES OPERATORS IN CALIFORNIA
INFO: ALL AMATEUR RADIO OPERATORS
FROM: CA STATE OFFICE OF EMERGENCY SERVICES (W6SIG@WA6NWE.CA)
2800 MEADOWVIEW RD., SACRAMENTO, CA 95832 916-262-1600
LANDLINE BBS OPEN TO ALL 916-262-1657
RACESBUL.310 RELEASE DATE: January 24, 1993
SUBJECT: TNG - Training for RACES people - Part 3/3

23. Non-commercial events supporting governmental approved
charitable
organizations that qualify within the guideline of the government
department responsible for such activities.

24. General public service communications:
a. Information and assistance communications during local
unusual
environmental conditions when RACES communications is not
required.
b. Radio relay communications in support of distant
disasters.

25. Mutual aid communications; i.e., how and when personnel and
equipment may be used to support another government's incident.

26. Mobilization and authority to be on duty. Personnel are not
self dispatched. Record keeping requirements, showing name, ID
number or callsign, date/time on duty, date/time off duty, etc.

27. Organizational assignments, Delegate responsibilities, Staff
in depth. Assign work, create work, and see that the work
accomplished. Make expectations known. The RACES unit should be
an on-going activity and not just another "dire emergency
resource".

EOM

Station of Origin W6WWW @ KD6XZ.#NOCAL.USA

Date: 21 Jan 1994 23:07:04 GMT
From: noc.near.net!news.delphi.com!jtriolo@uunet.uu.net
Subject: WANTED: CALL SIGN SERVER IN INTERNET

To: info-hams@ucsd.edu

>I am looking for a call sign server a-la buckmaster
>accessible on line through the internet...
>i thought that there was one in buffalo???

There are two:
mudgate.imsa.edu 2000
plan9.njit.edu 2000

The first one tends to be a little more current, but they are both set up the same way. If you're calling from Delphi, there should be a way to get right into one of the servers. Before the rebuilt some of the menus, there was an auto-telnet for it.

```
-----  
Jason D. Triolo -- Colonial Heights, VA | -----  
Amateur Radio: KD4ACG                  | This space for rent.  
Internet      : JTRIOL0@delphi.com      | Call today!  
Fidonet       : 1:264/219.1             | -----  
-----
```

Date: (null)
From: (null)
SB QST ARL ARLB009
ARLB009 Tower victory in court

Tower victory in court

A federal appeals court in Minnesota has found in favor of an amateur and against a local municipality, the latest round in a three-year battle.

Sylvia Pentel, N0MRW, applied in January 1991 for a zoning variance for a 68-foot crank-up tower from the city of Mendota Heights. At the time, she was using a roof-mounted vertical which, she was unaware, violated the city's zoning rules. The city denied her application for a tower but granted a special-use permit to allow her to keep the vertical.

Pentel sued the city in US district court, saying that its ordinance was preempted by federal law PRB-1, which recognizes the needs of both municipalities and amateurs, and which requires a ''reasonable accommodation'' of the needs of amateurs. The district court found in favor of the city, and Pentel appealed.

The US Court of Appeals for the 8th Circuit said that the FCC in PRB-1 ''was attempting to strike a balance'' between the interests of municipalities and amateurs, and exhorted the parties to the suit to work together to ''arrive at a satisfactory solution.''

The court of appeals said that its decision does not mean that the city must necessarily grant Pentel's application for a tower as it stands, but rather that the city must make a reasonable accommodation for her interests. The court said that granting a special-use permit for Pentel's vertical was not an accommodation.

Pentel's lawyer was John B. Bellows Jr, K0QBE, with assistance from ARRL General Counsel Christopher Imlay, N3AKD.

NNNN

/EX

Date: (null)

From: (null)

--

Marc B. Grant 214-231-3998
marcbg@netcom.com Amateur Radio N5MEI
marcbg@esy.com Richardson, TX

Date: (null)

From: (null)

SB QST ARL ARLB008

ARLB008 League at NJ hearing

League at NJ hearing

At a public hearing on January 11, ARRL officials told the New Jersey Department of Environmental Protection and Energy that a state proposal to register and impose fees on rf sources was contrary to federal law as related to radio amateurs.

The New Jersey proposal, released last month, exempted Amateur Radio stations but left a door open for future regulation of amateurs.

ARRL General Counsel Chris Imlay, N3AKD, and Northern New Jersey Section Manager Rich Moseson, NW2L, both spoke at the hearing on behalf of the more than 5,000 ARRL members in New Jersey.

The League representatives argued that only the FCC had the power to

license and regulate radio transmitters, and that applying the proposed regulations to amateurs would effectively preclude Amateur Radio communications in New Jersey.

A number of other ARRL officials and interested amateurs also were present at the hearing, and a specific exemption was requested for radio amateurs.

The NJ DEPE has extended the deadline for comments on the proposal until February 22. More information is in February QST.

NNNN

/EX

Date: Mon, 24 Jan 1994 14:13:42 GMT
From: netcomsv!netcom.com!greg@decwrl.dec.com
To: info-hams@ucsd.edu

References <CJw15H.MKy@news.direct.net>, <gregCJzspp.8nD@netcom.com>, <2ht226\$a0s@unbc.edu>
Subject : Re: Ramsey FX Transceivers

In article <2ht226\$a0s@unbc.edu> lyndon@unbc.edu (Lyndon Nerenberg) writes:
>greg@netcom.com (Greg Bullough) writes:
>>I suspect someone receiving a
>>Notice of Apparent Liability from the FCC would not consider it
>>to be trivial.
>
>Aren't US hams required to learn the reg's prior to obtaining their ticket?

Of course.

They are also required to own a spectrum analyzer, or to know where to get access to one.

And how to use it.

And of course, our no-code techs understand clearly that they can't trust a manufacturer to produce a design that won't get them in trouble.

Gee, Lyndon, I'm overwhelmed by your sympathy for a kid who sees an inexpensive VHF/UHF rig and puts it on the air.

Greg

End of Info-Hams Digest V94 #71
